

Docket No. 2001-024-TAP

**ABSTRACT OF THE DISCLOSURE**

**CONTINUOUSLY VARIABLE STORAGE DEVICE DATA TRANSFER RATE**

5        A method and apparatus for timing reads and writes  
to a moving physical storage medium capable of being  
operated over a continuous range of speeds is disclosed.  
Reference regions on the moving storage medium are read  
as the medium moves past a read head. This produces a  
10    timing signal, which can be processed to produce a clock  
signal. This clock signal can then be used to time reads  
and writes to and from the medium so that the medium may  
be read or written to at any speed, while preserving the  
same physical size for each recording item of data on the  
15    medium.

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